

## ABSTRACT

The invention relates to the method for the manufacture of a ball valve (1) between two tubes (3, 4). In the valve, the valve ball (2) and the ends (7, 8) of the tubes sealed against it are surrounded by the sleeve-like cover (10), which is penetrated by the spindle (13) provided with a handle, the spindle rotating the valve ball for opening and closing the valve. According to the invention, the cover (10) is connected to the mantle surfaces of the tubes (3, 4) by beam welding, such as laser or electron beam welding. For this purpose, the flank of the tube (3, 4) is provided with a front face achieved by a narrowing beveling, and the cover (10) contains a parallel end face brought against it so that the fastening can be performed by directing the welding beam (31) between the faces in their direction. The spindle (13) operating the valve ball (2) is surrounded by the support sleeve (14), which can be attached to the aperture formed to the cover (10) in a similar way using the beam welding technique.